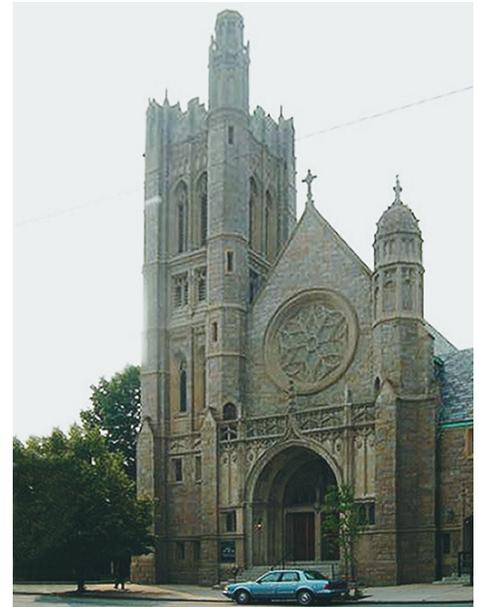


Project Profile

Union Evangelical
Lutheran Church
York, Pa.

Scope:
Design/build HVAC
system renovations



Project Spotlight

Union Evangelical Lutheran Church Preserves The Past

Design/Build HVAC Renovation

Seventy-seven-year-old Union Evangelical Lutheran Church in York, Pennsylvania, was long overdue for an HVAC renovation. The original steam heating system was at an age where replacement was essential because of leaks and major operational inefficiencies. Also, because the entire church building was being heated by an antiquated single zone system, the whole facility was being heated even if only a part of the building was occupied.

The varied usage times of the facility and disparate function locations were the main considerations for the hot and chilled water system that James CRAFT & Son designed and installed. The congregation wanted the sanctuary to be both heated and cooled along with two office spaces that are regularly used, but the basement area of the building only required heat. A piped system with fan coil units was selected along with convectors and radiators for the sanctuary. A blower/coil unit was chosen for the outside air requirements while taking advantage of the existing duct work that was used as a ventilation system.

The entire project was a design/build undertaking requiring our design team (led by Stew Gross) to meet with the Church Council, review the options and work closely with church members on the placement of certain key elements of the system. More than 3,800 man-hours and four months later, the church had a professionally installed system, complete with all necessary equipment, piping and energy management controls.

Don Henderson, our project foreman, readily accepted the challenge of doing the necessary HVAC renovations without disturbing the three-quarter-century old architecture, detailed woodwork and overall aesthetics of the interior and exterior of this fabulous building.

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